

Team Member's Names: Kelbie
School: Mount Vernon Middle School, Mount Vernon, IA
Teacher: Mrs. Searce

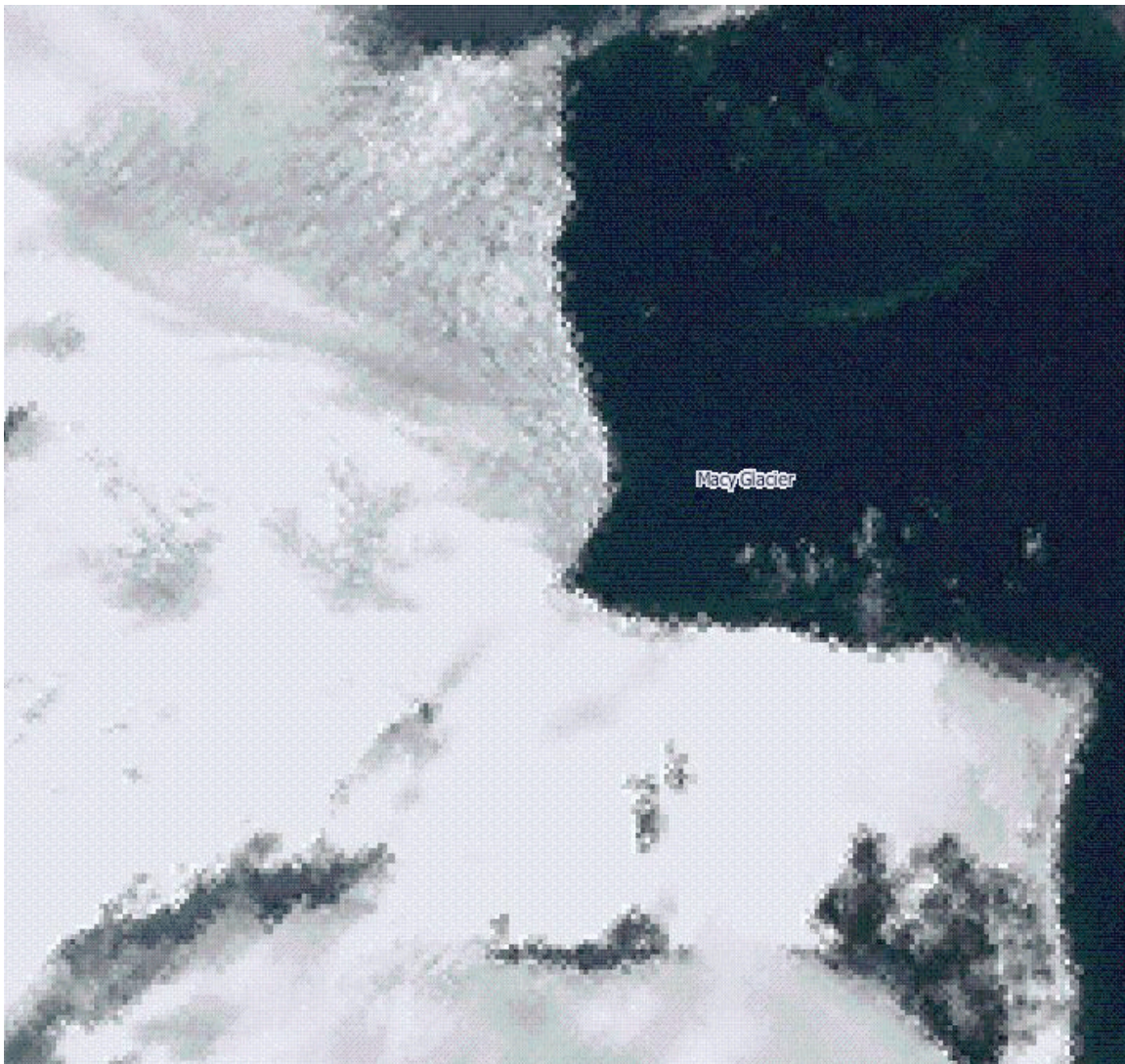
Proposal:

1. The name and/or description of your chosen ice feature

Macy Glacier is the name of my chosen ice feature. This is the description from the LIMA website:

Glacier flowing into Brunow Bay, Livingston Island, in the South Shetland Islands. Named by the UK-APC in 1958 for Robert Macy, Master of the brig Aurora, one of the fleet of American sealers from New York which visited the South Shetland Islands in 1820-21.

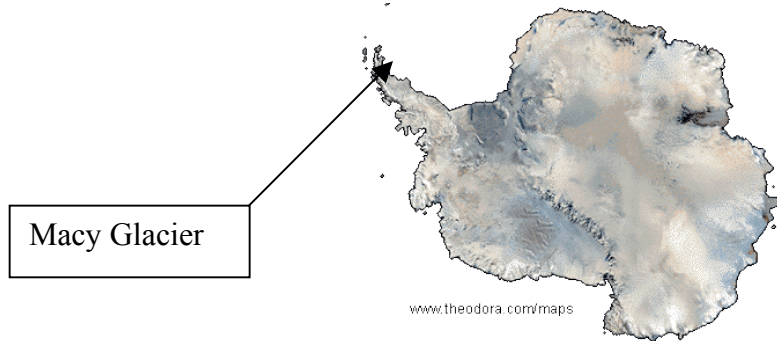
2. An image of your chosen ice feature



3. The location of your selected feature in terms of its longitude and latitude as well as the region of Antarctica in which it exists. (Teams are encouraged to include a map of

Antarctica with a mark pinpointing the location of their selected feature).

The location of my ice feature is 624300S Latitude and 0600900W Longitude. It is located in West Antarctica.



4.A paragraph explaining why your chosen ice feature is scientifically interesting.

My chosen ice feature is scientifically interesting because it is a glacier. A glacier is a large, slowly moving river of ice formed by the accumulation and compaction of snow on mountains or near poles that flows in response of gravity.

5.A paragraph hypothesizing what geologic processes you think are occurring to create this ice feature.

I think the mountains were formed by volcanoes. My glacier flows from mountains into Brunow Bay.

6.A paragraph asserting why you and your team should be funded to further investigate this area of Antarctica. (In other words, what are the potential benefits of exploring this feature?)

I should be funded to investigate because glaciers are interesting because they are slow moving ice rivers. My glacier is interesting because it flows into a bay. Glaciers can be predictors of global warming. This glacier may have penguins living around it and could affect how they live.